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11-21-01

A

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)*(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
0410.008

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application****Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

PLASMIDS AND METHODS FOR MONITORING ENDONUCLEASE DIGESTION EFFICIENCY

and invented by:

Charles V. LowryIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 56 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications *(if applicable)*
 - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☐ Reference to Microfiche Appendix *(if applicable)*
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if drawings filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

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Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal b. ☒ Informal Number of Sheets four
4. ☒ Oath or Declaration
- a. ☒ Newly executed (original or copy) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☒ Genetic Sequence Submission (if applicable, all must be included)
- a. ☒ Paper Copy
- b. ☒ Computer Readable Copy
- c. ☒ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers (cover sheet & documents)
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EL872221547US

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

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Docket No.
0410.008

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Acc mpanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: _____
17. ☒ Additional Enclosures (please identify below):

Bibliographic Application Data Sheet;
\$40 check for recording Assignment.

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
0410.008

Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	41	- 20 =	21	x \$9.00	\$189.00
Indep. Claims	9	- 3 =	6	x \$42.00	\$252.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$370.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$811.00

- ☒ A check in the amount of \$811.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 08-1935 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: November 20, 2001

Kathy Smith Dias
Signature

Kathy Smith Dias
Registration No.: 41,707
Customer No.:



23405

PATENT TRADEMARK OFFICE

CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

In Re Application of: Charles V. Lowry
Title: PLASMIDS AND METHODS FOR MONITORING
ENDONUCLEASE DIGESTION EFFICIENCY
Attorney Docket No.: 0410.008

"EXPRESS MAIL" MAILING LABEL NO. EL872221547US

Date of Deposit November 20, 2001

I hereby certify that this paper is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and addressed to:

BOX PATENT APPLICATION
Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sharon O. Kaminski

(Typed or printed name of person mailing paper or fee)

Sharon O. Kaminski

(Signature of person mailing paper or fee)

Enclosed:

- *Utility Patent Application Transmittal Letter
(Small Entity) (4 pages) (in duplicate);
- *U.S. Patent Application, which includes:
Specification (9 pages); 41 claims (10 pages); and
Abstract of the Disclosure (one page);
- *Four (4) sheets of informal drawings (FIGS. 1-4);
- *Bibliographic Data Sheet;
- *Executed Declaration and Power of Attorney;
- *Computer readable sequence listing;
- *Paper copy of sequence listing;
- *Statement Verifying Paper and Computer Readable Copy are identical;
- *Check in the amount of \$811.00 for filing fee;
- *Executed Assignment and Recordation Form Cover Sheet;
- *Check in the amount of \$40.00 for recording Assignment;
- *Information Disclosure Citation and copies of 4 cited references; and
- *One (1) acknowledgment postcard.

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DISEASES OF THE LIVER

Atty. Dkt. No.: 0410.008

Group Art Unit: unknown

Examiner: unknown

STATEMENT UNDER 37 CFR 1.821(f) and(g)

Applicant's undersigned representative states that the content of the paper copy of the sequence listing of the above-captioned patent application and the computer readable copy filed herewith on computer disk are the same.

Kathy Smith Dias
Kathy Smith Dias
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Reg. No. 41,707

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